

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES INSTALLING EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT FOR THE SOUTHBOUND MD 261 (BAYSIDE ROAD) APPROACH AT MD 260 IN CALVERT COUNTY. MD 261 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

II. INTERSECTION OPERATION

THIS INTERSECTION OPERATES IN A NEMA FOUR-PHASE FULLY ACTUATED MODE WITH EXCLUSIVE/PERMISSIVE LEFT TURN PHASES FOR NORTHBOUND MD 261 WITH A RIGHT TURN OVERLAP PHASE FOR MD 260. AN EXCLUSIVE PEDESTRIAN PHASE FOR BOTH THE SOUTH LEG AND WEST LEG OF THE INTERSECTION IS PROVIDED.

III. SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOW:

DISTRICT

OFFICE OF TRAFFIC AND SAFETY

MR. MIKE HUBER  
UTILITY ENGINEER  
410-841-1039

MR. RICHARD DAFF SR.  
CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MS. KIMBERLY TRAN  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
410-841-1019

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF, TRAFFIC OPERATIONS  
410-787-7630

MR. JAMES FOLDEN  
ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
410-841-1031

MR. JOHN S. MAYS  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
410-841-1013

MR. ED RODENHIZER  
TEAM LEADER SIGNAL OPERATIONS  
410-787-7650

MR. MIKE STOCKER  
SUPPLY OFFICER IV (SIGNAL SHOP WAREHOUSE)  
410-787-7668

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.03-09, 104.03-11, 104.03-13.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADIMISTRATION

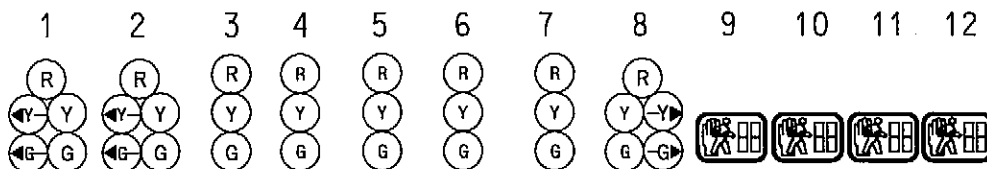
NONE

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO./ CAT CODE	QUANTITY		DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC
8047	1	EA	DISCRIMINATOR MODULE, 4 CHANNEL, NO.764
8049	1	EA	OPTICOM NO. 721 DETECTOR EYE
8051	210	LF	FURNISH AND INSTALL 4 CONDUCTOR OPTICOM CABLE

C. ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

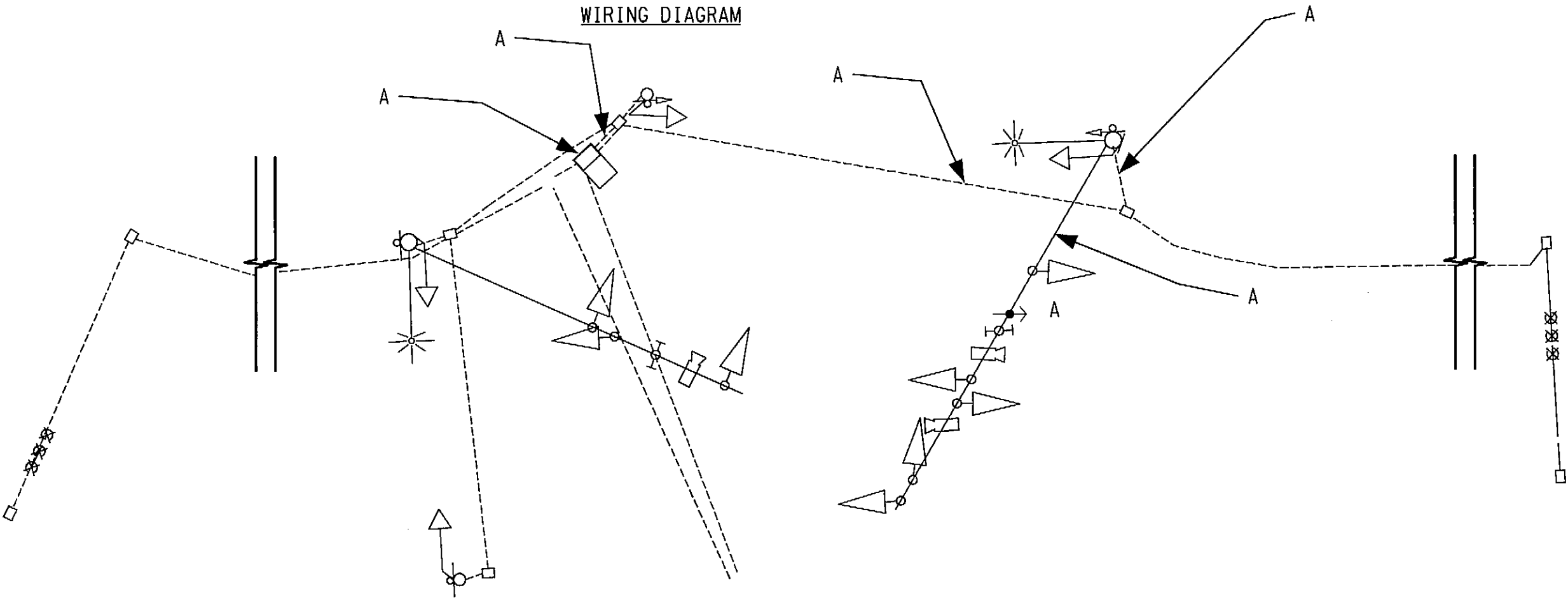


PHASE 1 AND 6	G/G	G/G	G	R	R	R	R	R/G	DW	DW	DW	DW	
1 CHANGE	Y/G	Y/G	G	R	R	R	R	R/Y	DW	DW	DW	DW	
PHASE 2 AND 6	G	G	G	G	G	R	R	R	DW	DW	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	DW	DW	DW	DW	
PHASE 4	R	R	R	R	R	G	G	G	DW	DW	DW	DW	
4 CHANGE	R	R	R	R	R	Y	Y	Y	DW	DW	DW	DW	
PED PHASE	R	R	R	R	R	R	R	R	WK	WK	WK	WK	
PED, CLEAR COUNTDOWN	R	R	R	R	R	R	R	R	FDW	FDW	FDW	FDW	
PED CHANGE	R	R	R	R	R	R	R	R	DW	DW	DW	DW	
FLASHING OPERATION	F/Y	F/Y	F/Y	F/Y	F/Y	F/R	F/R	F/R	DARK	DARK	DARK	DARK	

PRE-EMPTION

PHASE 2 PRE-EMPTION	R	R	R	G	G	R	R	R	DW	DW	DW	DW	
PRE-EMPTION CHANGE	R	R	R	Y	Y	R	R	R	DW	DW	DW	DW	

WIRING DIAGRAM



WIRING KEY

A - 4 CONDUCTOR OPTICOM CABLE

TOD NO: XX347-11  
SHA NO: CA309A53/B53  
MD 261 @ MD 260

ENGINEERS  
PLANNERS  
SCIENTISTS  
CONSTRUCTION MANAGERS

936 RIDGEBROOK ROAD  
SPARKS, MARYLAND 21152  
TELEPHONE: (410) 316-7800  
FAX: (410) 316-7818

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 261 (BAYSIDE ROAD) AND MD 260 (CHESAPEAKE BEACH ROAD)  
CHESAPEAKE BEACH, MARYLAND

REVISIONS	GENERAL INFORMATION SHEET		
	SCALE <u>N.T.S.</u>	DATE <u>11/2011</u>	CONTRACT NO. <u>XX3475185</u>
	DESIGNED BY <u>A.M.H.</u>	COUNTY <u>CALVERT</u>	
	DRAWN BY <u>A.E.</u>	LOGMILE <u>0.261006.04</u>	
	CHECKED BY <u>J.F.L.</u>	TMS NO. <u>L078</u>	
	F.A.P. NO. _____	TOD NO. _____	
	TS NO. 12F	DRAWING <b>SG-2</b> OF 2	SHEET NO. 2 OF 2